

WHAT IS CLAIMED IS:

1. A portable telephone terminal comprising:
an earphone/microphone, said earphone/microphone
outputting an information denoting a caller when a call is
5 received.
2. The portable telephone terminal according to
Claim 1, comprising:
a connection monitoring circuit which monitors whether
said earphone/microphone is connected to said portable
10 telephone terminal;
an information output switching circuit which switches
an information output to said earphone/microphone when said
connection monitoring circuit determines that said
earphone/microphone is connected to said portable telephone
15 terminal; and
an informing circuit which informs regarding said
information denoting said caller, said informing circuit
being outputted as voice from said earphone/microphone when
said information output switching circuit switches said
20 information output to said earphone/microphone.
3. The portable telephone terminal according to
Claim 2, comprising:
a display which displays characters and visual
information; and
25 a receiver which outputs voice information.
4. The portable telephone terminal according to
Claim 3, wherein said information output switching circuit
switches said information output to said display and said

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receiver when said connection monitoring circuit determines that said earphone/microphone is not connected.

5. The portable telephone terminal according to Claim 2, comprising:

- 5 a data receiving circuit which receives upon receipt of a call caller data which is data unique to said caller transmitted from a terminal of said caller; and

- a registering circuit which registers said caller data and caller information which is information specifying said
10 caller and which corresponds to said caller data.

6. The portable telephone terminal according to Claim 5 wherein said caller data is data which represents a telephone number of said caller.

7. The portable telephone terminal according to
15 Claim 5 wherein said caller information is information which represents the name of said caller.

8. The portable telephone terminal according to Claim 5, wherein when said caller data received by said data receiving circuit matches with said caller data registered
20 through said registering circuit, said informing circuit informs regarding said caller information that corresponds.

9. The portable telephone terminal according to Claim 5, wherein when said caller data received by said data receiving circuit fails to match with said caller data
25 registered through said registering circuit, said informing circuit informs regarding said caller data received by said data receiving circuit.

10. The portable telephone terminal according to

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Claim 5, wherein said portable telephone terminal comprises message registering circuit which registers a predetermined message.

11. The portable telephone terminal according to
5 Claim 10, wherein when said caller data is not received upon receipt of the call, said predetermined message is outputted.

12. The portable telephone terminal according to
Claim 2, comprising:
10 an operation switching circuit which switches an operation based on an instruction which is inputted by operating said earphone/microphone when said connection monitoring circuit determines that said earphone/microphone is connected and when said information output switching
15 circuit switches said information output to said earphone/microphone.

13. The portable telephone terminal according to
Claim 12, wherein said operation switching circuit operates said earphone/microphone upon receipt of the call and
20 outputs said informing circuit as voice from said earphone/microphone.

14. The portable telephone terminal according to
Claim 12, wherein said operation switching circuit operates said earphone/microphone and shifts the operation of taking
25 the call when an operation of informing regarding said information denoting said caller is initiated by said informing circuit.

15. The portable telephone terminal according to

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Claim 14, wherein said operation switching circuit operates said earphone/microphone upon receipt of the call and suppresses transition to the operation of informing regarding said information denoting said caller by said
5 informing circuit, and shifts said operation of taking the call.

16. The portable telephone terminal according to Claim 12, wherein said operation switching circuit switches an operation in accordance with a predetermined instruction
10 which is inputted based on how long one or more than one of the switches of said earphone/microphone remain depressed.

17. The portable telephone terminal according to Claim 12, wherein said operation switching circuit recognizes voice information which is inputted through said
15 earphone/microphone and switches an operation in accordance with a predetermined instruction which is inputted based on the recognized voice information.

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